PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

- 1	For	receiving	Office	use	only
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International Application No. 3 / 1 4 7 0 3

2 2 DEC 2003

2 2 12.03

International Filing Date

EUROPEAN PATENT OFFICE
PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference (if desired) (12 characters maximum) PC471CF TITLE OF INVENTION Box No. I "An electro-mechanical screw actuator assembly" **APPLICANT** This person is also inventor Box No. II Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Telephone No. Facsimile No. AKTIEBOLAGET SKF S-415 50 GOETEBORG (Sweden) Teleprinter No. Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: the States indicated in the Supplemental Box the United States of America only all designated States all designated States except the United States of America This person is applicant for the purposes of: FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Box No. III Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only CORBETT, Richard applicant and inventor Via Cardonata 32 inventor only (If this check-box is marked, do not fill in below.) I-10060 SAN SECONDO DI PINEROLO (Torino) Italy Applicant's registration No. with the Office State (that is, country) of residence: State (that is, country) of nationality: GB all designated the United States of America only the States indicated in the Supplemental Box This person is applicant all designated States except the United States of America for the purposes of: Further applicants and/or (further) inventors are indicated on a continuation sheet. AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE Box No. IV The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: common representative **X** agent Name and address: (Family name followed by given name; for a legal entity, full official designation.

The address must include postal code and name of country.) Telephone No. (39) (011) 2440311 FIORAVANTI, Corrado; JACOBACCI, Guido; Facsimile No. QUINTERNO, Giuseppe; RAMBELLI, Paolo; GERBINO, (39) (011) 286300 Angelo; SERRA, Francesco; DEAMBROGI, Edgardo; Teleprinter No. JACOBACCI & PARTNERS SpA, Corso Regio Parco 27, I-10152 TORINO (IT) Agent's registration No. with the Office Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

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Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) If none of the following sub-boxes is used, this sheet should not be included in the request.						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) BERUTTI, Ettore Corso Traiano 60 I-10135 TORINO (Italy) This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country) of residence: T						
This person is applicant for the purposes of: all designated the United States except the United States of America only the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country) of residence:						
This person is applicant for the purposes of: all designated all designated States except the United States of America of America only the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country) of residence:						
This person is applicant for the purposes of: all designated lesignated States except the United States of America only the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country) of residence:						
This person is applicant for the purposes of: all designated the United States except the United States of America only the States indicated in the Supplemental Box						
Further applicants and/or (further) inventors are indicated on another continuation sheet.						

В	ox N	No. V DESIGNATION OF STATES		Mark the applicable check-boxes below	w; a	ıt lea	ist one must be marked.
Т	he fo	ollowing designations are hereby made u	nder '	Rule 4.9(a):			
		onal Patent					
	-	P ARIPO Patent: GH Ghana, GM SL Sierra Leone, SZ Swaziland, TZ V State which is a Contracting State of	Unite f the I	mbia, KE Kenya, LS Lesotho, MV and Republic of Tanzania, UG Uganda, Harare Protocol and of the PCT (if other controls)	, ZN ther	1 Za kind	mbia, ZW Zimbabwe, and any othe dof protection or treatment desired
X	_	A Eurasian Patent: AM Armenia, AZ RU Russian Federation, TJ Tajikista Patent Convention and of the PCT	ın, TN	M Turkmenistan, and any other State	whi	ch is	s a Contracting State of the Eurasian
		Republic, DE Germany, DK Denmar HU Hungary, IE Ireland, IT Italy, LU SI Slovenia, SK Slovakia, TR Turkey and of the PCT	rk, El J Luxe y, and	E Estonia, ES Spain, FI Finland, FR embourg, MC Monaco, NL Netherland any other State which is a Contraction	Frands, ng S	nce, PT I State	, GB United Kingdom, GR Greece, Portugal, RO Romania, SE Sweden, of the European Patent Convention
		A OAPI Patent: BF Burkina Faso, BJ GA Gabon, GN Guinea, GQ Equator TD Chad, TG Togo, and any other Sta of protection or treatment desired, sp	rial G ate wl pecify	Guinea, GW Guinea-Bissau, ML Mal which is a member State of OAPI and a con dotted line)	li, M a Co	AR I	Mauritania, NE Niger, SN Senegal, acting State of the PCT (if other kind
		nal Patent (if other kind of protection of					
		United Arab Emirates					
	AG	Antigua and Barbuda Albania	a m	J Hungary			
		Albania			i.	PD.	Poland
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		Australia					Romania
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		Bosnia and Herzegovina				-	
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X	BR	Brazil		of Korea	X	SE	Sweden
		Belarus					
		Belize					•
					-		Sierra Leone
		& LI Switzerland and Liechtenstein			X	SY	Syrian Arab Republic
		China		Liberia		TJ	Tajikistan
		Costa Rica					Turkmenistan
		Cuba					Turkey
		Czech Republic					Trinidad and Tobago
		Germany					Immidad and Tobago
	DK	Denmark	MD	Republic of Moldova	X	TZ	United Republic of Tanzania
		Dominica					
		Algeria	MG				
		Ecuador					
XI.	EE :	Estonia		Macedonia			
				-			Uzbekistan
		Spain X		VMalawi	XI.	VC	Saint Vincent and the Grenadines
X	GB 1	United Kingdom	MX	Mexico	N.	VN	Viet Nam
		Grenada	MZ	Mozambique	KI.	YU	Serbia and Montenegro
		Georgia					South Africa
		Ghana					Zambia
	GM (Gambia	NZ	New Zealand	X 1 :	ZW	Zimbabwe
∩h∉	eck-t	ooxes below reserved for designating Stat	tes w	high have become party to the PCT at	fler i	icens	ance of this sheet
		Egypt					
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othe excl	er des luded	tionary Designation Statement: In add signations which would be permitted un d from the scope of this statement. The ap	nder ti plica	the PCT except any designation(s) inc	dica natio	ited i	in the Supplemental Box as being are subject to confirmation and that

any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet No. ...4...

Box	Box No. VI PRIORITY CLAIM							
The priority of the following earlier application(s) is hereby claimed:								
	Filing date of earlier application	Number of earlier application	Where earlier application is:					
(day/month/year)		or carrier appreciation	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office			
	n (1) (20.12.2002) 0 December 2002	TO2002A001103	İTALY					
item	n (2)				·			
item	ı (3) ·							
item	1 (4)							
item	1 (5)			-				
	Further priority claims a	re indicated in the Supplemen	ntal Box.					
if the	receiving Office is reque e earlier application was for e as:	sted to prepare and transmit to filed with the Office which for to	o the International Bureau he purposes of this internat	a certified copy of the eational application is the re	arlier application(s) (only ecciving Office) identified			
	all items item (1) item (2)	item (3) item ((4) item (5)	other, see Supplemental Box			
* WI Indu	here the earlier applicatio strial Property or one Me	n is an ARIPO application, in mber of the World Trade Org	dicate at least one country p ganization for which that ea	party to the Paris Conver arlier application was file	ntion for the Protection of cd (Rule 4.10(b)(ii)):			
Вох	No. VII INTERNATI	ONAL SEARCHING AUT	HORITY					
Choi	ice of International Sea national search, indicate	rching Authority (ISA) (if two-	vo or more International Se letter code may be used):	arching Authorities are c	ompetent to carry out the			
ISA	./.EP							
Inter	uest to use results of ear national Searching Autho (day/month/year)	lier search; reference to th rity): Numbe		arch has been carried out ry (or regional Office)	by or requested from the			
Date	(aay/monin/year)	Numbe	ei Comu	ty (or regional Office)				
Box l	No. VIII DECLARAT	IONS						
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration): Number of declarations								
	Box No. VIII (i)	Declaration as to the identity	of the inventor	•	:			
X	Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:						
X	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :							
X	Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) (follows)							
	Box No. VIII (v)	Declaration as to non-prejud	licial disclosures or except	tions to lack of novelty	:			

Sheet No. . . 5 . . .

	Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.
-	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51 bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:
	in relation to this international application,
	AKTIEBOLAGET SKF is entitled to apply for and be granted a patent by virtue of the following:
	(iii) an agreement between AKTIEBOLAGET SKF and the inventors, Messrs. CORBETT, Richard and BERUTTI, Ettore dated October 09, 2000
	(ix) this declaration is made for the purposes of:
	(a) all designations (except the designation of the United States of America)
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	This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".

Sheet No. 6

Box No. VIII (iii) DECLA	RATION: ENTITLEMENT TO	CLAIM PRIORITY
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The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No.VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

in relation to this international application,

AKTIEBOLAGET SKF is entitled to claim priority of earlier application No. TO2002A001103 by virtue of the following:

- (iii) an agreement between SKF INDUSTRIE S.p.A. and AKTIEBOLAGET SKF dated October 09, 2000
- (ix) this declaration is made for the purposes of:
 (a) all designations

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".

Sheet No.7...

Box No. IX CHECK LIST; LANGUAGE	OF FILING					
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items				
request (including declaration sheets) : 7	1. In fee calculation sheet 2. In original separate power of attorney (follow):	: 1 : 2				
description (excluding sequence listings and/or tables related thereto) 7	3. original general power of attorney	:				
tables related thereto) : / claims : 3	4. copy of general power of attorney; reference number, if any:	:				
abstract : 1	5. Statement explaining lack of signature 6. Priority document(s) identified in Box No. VI as	:				
drawings : 5 Sub-total number of sheets : 23	item(s): (1)	: 1				
sequence listings :	7. translation of international application into (language):	:				
tables related thereto : (for both, actual number of	8. separate indications concerning deposited microorganism or other biological material	•				
sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)	•				
computer readable form; see (c) below)	(i) \square copy submitted for the purposes of international search under					
Total number of sheets : 23	Rule 13ter only (and not as part of the international application) (ii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the					
(b) only in computer readable form (Section 801(a)(i))	purposes of international search under Rule 13ter	:				
 (i) ☐ sequence listings (ii) ☐ tables related thereto 	(iii) together with relevant statement as to the identity of the copy or copies with the sequence listings mentioned in left column	.				
(c) also in computer readable form (Section 801(a)(ii))	10. tables in computer readable form related to sequence listings (indicate type and number of carriers)					
(i) sequence listings (ii) tables related thereto	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international					
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	application) (ii) (iii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the					
sequence listings:	purposes of international search under Section 802(b-quater): (iii) together with relevant statement as to the identity of the copy or					
tables related thereto:	copies with the tables mentioned in left column : 11. other (specify):	İ				
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: English					
Box No. X SIGNATURE OF APPLICANT	T, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious from reading the	-				
FIORAVANTI, Co		equesty.				
·	For receiving Office use only					
Date of actual receipt of the purported international application:	2.2 DEC 2003 (2.2.12.03) 2. Drawings					
 Corrected date of actual receipt due to later be timely received papers or drawings completing the purported international application: 	ut 🖵					
4. Date of timely receipt of the required corrections under PCT Article 11(2):	not rece	ived:				
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid					
For International Bureau use only						
Date of receipt of the record copy by the International Bureau:						